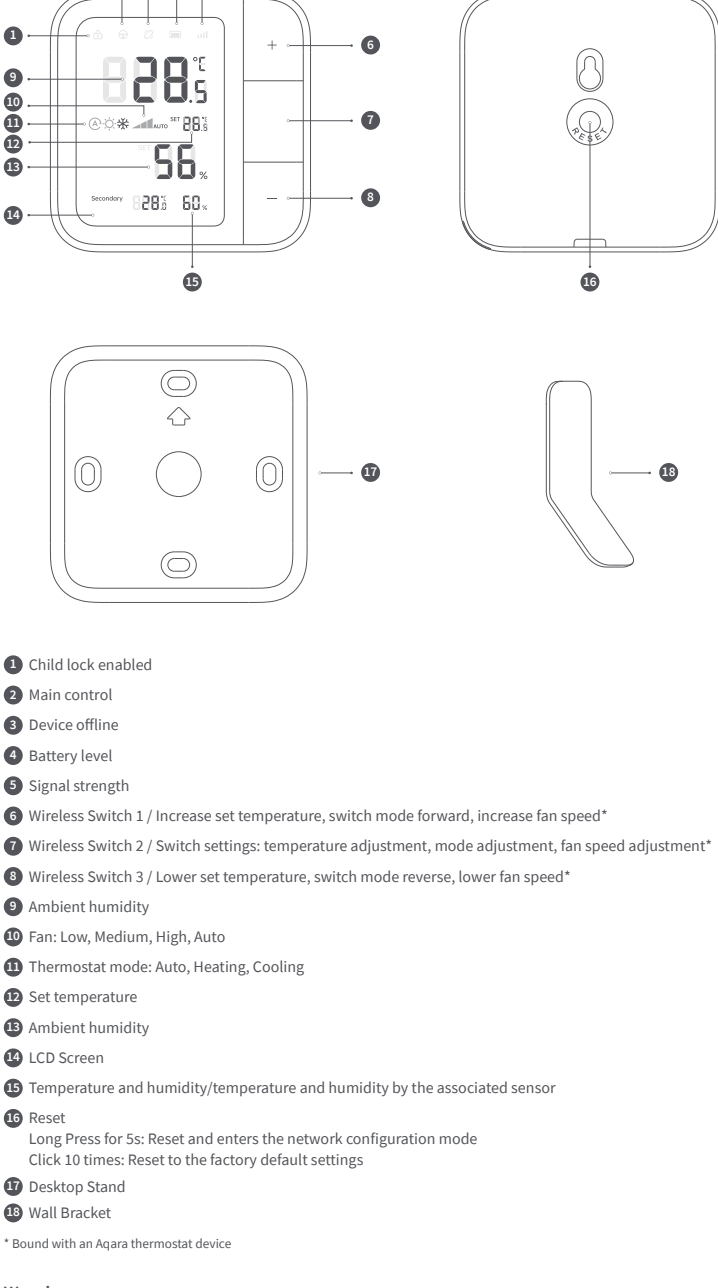## Product Introduction

Climate Sensor W100 is a high-precision temperature and humidity sensor with a screen that supports Zigbee and Thread dual protocols. The device can monitor and record ambient temperature and humidity in real time, and can be associated with an extra temperature and humidity sensor. The three custom buttons can be used to control other smart home devices, and it also supports binding with thermostat devices for wireless control. At the same time, the device also supports access to the Matter ecosystem, or access to the Aqara Home with the Aqara hub, so as to provide a more convenient smart home experience with other smart devices.

* This product needs to work with a hub.
* This product is for indoor use only.

① Child lock enabled
② Main control
③ Battery level
④ Signal strength
⑤ Wireless Switch 1 / Increase set temperature, switch mode forward, increase fan speed*
⑥ Wireless Switch 2 / Switch settings: temperature adjustment, mode adjustment, fan speed adjustment*
⑦ Wireless Switch 3 / Lower set temperature, switch mode reverse, lower fan speed*
⑧ Ambient humidity
⑨ Fan: Low, Medium, High, Auto
⑩ Thermostat mode: Auto, Heating, Cooling
⑪ Set temperature
⑫ LCD Screen
⑬ Ambient humidity
⑭ Temperature and humidity/temperature and humidity by the associated sensor
⑮ Reset
　Long Press for 5s: Reset and enters the network configuration mode
　Click 10 times: Reset to the factory default settings
⑯ Desktop Stand
⑰ Wall Bracket
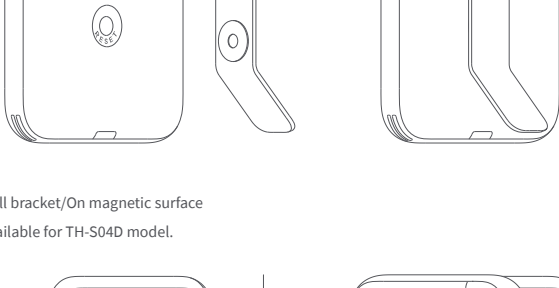
* Bound with an Aqara thermostat device

Warnings

WARNING: Do not swallow battery, chemical burn hazard!

1. This product contains a button battery. If the button battery is swallowed, it can cause severe internal burns in just 2 hours and may lead to death.
2. Replacing the battery with an incorrect type may result in a risk of fire or explosion. Only battery of the same or equivalent type may be used for replacement.
3. Regardless of whether the battery is new or old, keep it out of reach of children.
4. If the battery compartment cannot be locked, please stop using the product and keep it out of reach of children.
5. If you think you may have swallowed a battery or placed a battery inside your body, seek medical attention immediately.
6. Do not put the battery into fire, microwave oven or oven, otherwise it may cause the battery to explode.
7. Do not disassemble, impact, squeeze, cut or mechanically damage the battery in any way, otherwise it may cause the battery to explode.
8. Do not expose the battery to extremely low pressure or extremely high temperature environments, otherwise it may cause battery explosion and leakage of flammable liquids or gases.
9. Do not discard used battery at will; they should be handled safely and properly in accordance with relevant national and regional regulations.
10. Do not expose the product to extremely high or low temperatures, as this may damage electronic components and plastics.
11. Please remove the battery before cleaning and use only a dry cloth to clean the outside of the device. Do not use any cleaning fluid to avoid damaging the electronic device.
12. This product is not waterproof. Please do not put it in water or use it in a humid environment for a long time.
13. This product is for indoor use only and should be placed away from direct sunlight, shelter or heat sources.
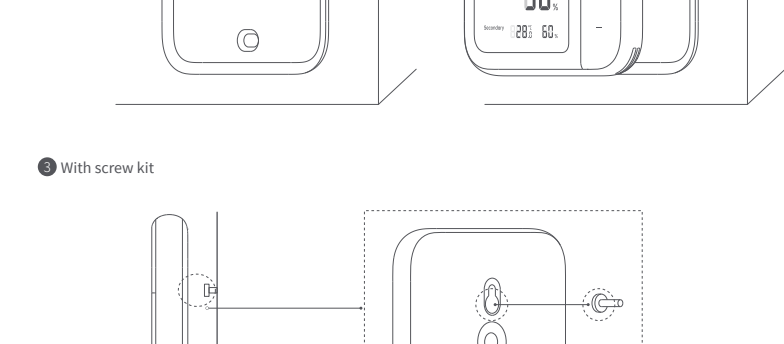
Installation Method

① With desktop stand

② With wall bracket/On magnetic surface
　Only available for TH-S04D model.
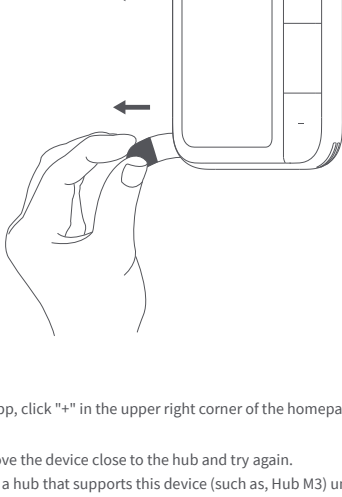

③ With screw kit

Quick Setup

1) Access to Aqara Home

① Search for "Aqara Home" in the app store or scan the QR code below to download the "Aqara Home" app.

② Power on
　Remove the battery insulation film and wait for the device to power on.

③ Add device
　Open the Aqara Home app, click "+" in the upper right corner of the homepage, and select the device accordingly.
　* If the addition fails, move the device close to the hub and try again.
　* Make sure that there is a hub that supports this device (such as, Hub M3) under the Aqara account, and it is within the connection range when using it.

2) Access to the 3rd Party Matter ecosystem

Method 1:

① Please make sure you have installed the Matter-compatible app and have a Matter-compatible Thread border router.
② After the device is powered on, the indicator light will begin to flash slowly, indicating that the device has entered network setting mode.
③ Open the Matter-enabled app, scan the Matter QR code on the instruction manual or product, or enter the setup code to add the device to the app.

Method 2:

After adding the device to Aqara Home app, click "Matter Ecosystem" on the settings page, and follow the prompts to join, synchronize device-specific actions (such as single click, long press) to the Matter platform that supports "wireless switch" and "temperature and humidity sensor" device types (such as Apple Home, Home Assistant), and trigger automation and scenes.

* For help, please visit: www.aqara.com/support.

Button Operations

Setting Item Switch

You can adjust the setting items by pressing the "o" button. After selecting a setting item, use the "+" or "-" button to adjust the corresponding parameters.

Button Operations	Description
Press and hold "o" for 2 seconds	Holding "o" for 2 seconds starts the thermostat. Relevant functions and status will display on the device screen. Pressing and holding "o" again will turn off the thermostat.
Press "o"	Enter the settings menu, where you can switch between temperature adjustment, mode adjustment, and fan speed adjustment*
Press "+"/"-"	In temperature adjustment, "+" increases and "-" decreases the target temperature. In mode adjustment, it cycles through Heating and Cooling. "+" for forward, "-" for reverse.* In fan speed adjustment, it cycles through Low, Middle, High, and Auto. "+" for forward, "-" for reverse.*

*Supported settings and modes depend on the connected thermostat device. The "o" button that appears here and below is the wireless switch 2.

Child Lock

After activation, the device's button operations will be disabled, effectively preventing accidental operation by children.

Button Operations	Description
Press and hold "+" and "-" for 2 seconds.	Press and hold "+" and "-" simultaneously for 2 seconds. The child lock icon will light up on the screen, indicating the child lock is activated. Press and hold "+" and "-" again for 2 seconds to deactivate the child lock.

Switch Temperature Unit

Button Operations	Description
Press "+" and "-" simultaneously	Press "+" and "-" simultaneously to toggle the temperature unit displayed on the screen between °F and °C.

Reset and Factory Reset

Button Operations	Description
Press "Reset" and hold for 5 seconds	Resets the device, clearing network information while retaining other configuration settings. When the signal strength icon flashes slowly, the reset is successful.
Press the "Reset" button 10 times	Restores factory settings, clearing all network and configuration information. When the signal strength icon flashes slowly, the factory reset is successful.

*The above is the button interaction description when binding an Aqara thermostat device. When the thermostat is not bound, the user can customize the three button interaction operations.

Description of Indicator Lights

Button Operations	Description
Signal strength icon lights up in a step-by-step cycle	Device pairing
Signal strength icon flashes slowly	Bluetooth network distribution mode / Add failed
Signal strength icon flashes quickly	Device added successfully
Lit icons flash slowly for 2 seconds	Device search / identify
SET icon flashes slowly	Setting target temperature
Icons of associated thermostat data flash	Data synchronization
Mode icon flashes quickly	Setting thermostat mode
Fan icon flashes quickly	Setting thermostat fan speed
SET icon shows "--"	Thermostat is off

* Zigbee protocol: 2-bar signal strength; Thread protocol: 4-bar signal strength

Product Specifications

Climate Sensor W100
Model: TH-S04D/TH-S04D
Wireless Protocols: Thread/Zigbee, Bluetooth
Dimensions: 86 × 86 × 13.65 mm (3.39 × 3.39 × 0.54 in.)
Operating Temperature: -20 °C ~ 60 °C (-4 °F ~ 140 °F)
Operating Humidity: 0 ~ 98% RH, no condensation
What is in the Box: Climate Sensor W100 × 1, User Manual × 1, Compliance Statement× 1, Desktop Stand × 1, Wall Bracket × 1 (Only available for TH-S04D model)
Made in China

Notice

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple's performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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